

## CORA CU Boulder

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**From:** Angela R Bielefeldt  
**Sent:** Thursday, September 06, 2018 11:23 AM  
**To:** Chandimal Randunu Palihakkara  
**Subject:** RE: Prospective PhD student interested in research related to water treatment

Thank you for your interest, but at present I am focusing my attention on engineering education research: <https://www.colorado.edu/faculty/bielefeldt/>  
Other faculty at CU are active in ww research including Prof. Sherri Cook and Prof. JoAnn Silverstein.

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Angela R. Bielefeldt, Ph.D., P.E.  
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**From:** Chandimal Randunu Palihakkara <[REDACTED]>  
**Sent:** Thursday, September 6, 2018 10:56 AM  
**To:** Angela R Bielefeldt <[angela.bielefeldt@colorado.edu](mailto:angela.bielefeldt@colorado.edu)>  
**Subject:** Prospective PhD student interested in research related to water treatment

Dear Professor Bielefeldt,

I am Randunu Palihakkara, a B.Sc. Engineering (Hons.) graduate in Mining and Mineral Engineering from the Department of Earth Resources Engineering, University of Moratuwa, Sri Lanka. I graduated in 2015 earning a Second Class Honours, Upper Division (2:1) with a GPA of 3.38 out of 4.2.

Currently I'm employed as a Lecturer in the Department of Civil Engineering at Northshore College of Business and Technology (NCBT) and previously employed in several other academic institutes and have experience in teaching on modules such as: Structural Design and Soil Mechanics, Geotechnics, Applications of Mathematics for Civil and Environmental Engineering, Engineering Principles for Civil Engineering, Engineering and Environmental Materials, Engineering Geology, Construction Technology, Engineering Mechanics and Strength of Materials.

I was enrolled in a PhD at Monash University Malaysia campus (from March 2017 to July 2017), for a brief period of 4 months which I had to give up unfortunately due to a personal reason.

Madam  
, I have following research publications:

1) **Palihakkara, C.R.**, Dassanayake, S., Jayawardena, C. and Senanayake, I.P., 2018. Floating Wetland Treatment of Acid Mine Drainage using Eichhornia crassipes (Water Hyacinth). Journal of Health and Pollution, 8(17), pp.14-19.

2) Jaliya, R.G.C., Thotahewa, A.H.T.T.B., **Palihakkara, C.R.**, Siriwardena, P.R.R., Senanayake, I.P., Premasiri, H.M.R., Chaminda, S.P. and Dharmaratne, P.G.R., 2015. Delineation of Potential Sites for Gemstone Mining in Kuru Ganga Catchment, Ratnapura: A GIS Approach. *Proceedings of 9th National Conference on MINERALS AND INNOVATIVE THINKING by ERE*, pp 46-51.

In addition, I am skilled in handling UV-VIS Spectrophotometer and Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES) instruments.

Madam, I am considering applying to PhD program of University of Colorado Boulder and I would like to join your research group to study related to water and wastewater

treatment and I herewith attached my CV.

It is my firm belief that, I will bring no disappointments to you if I get selected for a PhD position in your research group. Madam, I am expecting a favorable consideration and looking forward to being associated with you.

Thank you

Best Regards,

**Randunu Palihakkara**

**Lecturer-Program of Civil Engineering**

**NORTHSHORE COLLEGE OF BUSINESS & TECHNOLOGY**



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